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5/3,k/1 (Item 1 from file: 98) Links

General Sci Abs

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04661161 H.w. Wilson Record Number: BGSA01161161

Structural and functional similarity between Yersinia pestis capsular protein Caf 1 and human interleukin-1b.

Abramov, Vyacheslav

Vasiliev, Anatoly M; Vasilenko, Raisa N

Biochemistry (American Chemical Society) v. 40 no20 (May 22 2001) p. 6076-84

Special Features: bibl f graph tab ISSN: 0006-2960

Language: English

Country Of Publication: United States

Structural and functional similarity between Yersinia pestis capsular protein Caf 1 and human interleukin-1b.

Abramov, Vyacheslav

Abstract: A comparative study of the structural and functional properties of recombinant Yersinia pestis Caf1 and human IL-1b was performed. According to Fourier transform infrared spectroscopy (FTIR...

Descriptors:

Yersinia pestis; Bacterial capsules; Interleukin-1

5/3,k/2 (Item 1 from file: 399) Links

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146460355 CA: 146(23)460355m JOURNAL

Attachment of LcrV from Yersinia pestis at Dual Binding Sites to Human TLR-2 and Human IFN- $\gamma$  Receptor

Author: Abramov, Vyacheslav M.; Khlebnikov, Valentin S.; Vasiliev, Anatoly M.; Kosarev, Igor V.; Vasilenko, Raisa N.; Kulikova, Nataly L.; Khodyakova, Anna V.; Evstigneev, Valentin I.; Uversky, Vladimir N.; Motin, Vladimir L.; Smirnov, Georgy B.; Brubaker, Robert R.

Location: Institute of Immunological Engineering, Lyubuchany, Russia, 142380

Journal: J. Proteome Res.

Date: 2007

Volume: 6 Number: 6 Pages: 2222-2231

CODEN: JPROBS

ISSN: 1535-3893

Publisher Item Identifier: 1535-3893(07)00036-X

Language: English

Publisher: American Chemical Society

5/3,k/3 (Item 2 from file: 399) Links

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145469945 CA: 145(24)469945r PATENT

Yersinia polypeptide vaccines, antibodies and immunomodulatory proteins

Inventor (Author): Brubaker, Robert R.; Abramov, Vyacheslav M.

Location: USA

10511616salmonella.txt

Assignee: Michigan State University  
Patent: U.S. Pat. Appl. Publ. ; US 20060246084 A1 Date: 20061102  
Application: US 2006403533 (20060412) \*US 302423 (19940908) \*US 2003694614  
(20031027) \*US 200589158 (20050324) \*US 2005PV670771 (20050412)  
Pages: 79pp., Cont.-in-part of U.S. Ser. No. 89,158.  
CODEN: USXXCO  
Language: English  
Patent Classifications:  
Class: 424184100  
IPCR/8 + Level Value Position Status Version Action Source Office:  
A61K-0039/00 A I F B 20060101 20061102 H US  
A61K-0039/38 A I L B 20060101 20061102 H US

5/3,K/4 (Item 3 from file: 399) Links  
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142334476 CA: 142(18)334476f CONFERENCE PROCEEDING  
Structural base of the polyfunctional role of Caf1 protein and Caf1M chaperone in  
providing Yersinia pestis circulation in ecological systems of natural plague foci  
Author: Abramov, Vyacheslav M.; Vasiliev, Anatoly M.; Vasilenko, Raissa N.;  
Kulikova, Nataly L.; Khlebnikov, Valentin S.; Kosarev, Igor V.; Karlyshev, Andrey  
V.; Tereshin, Sergei N.; Khodyakova, Anna V.; Anisimov, Andrei P.; Uversky, Vladimir  
N.  
Location: Institute of Immunological Engineering, Moscow, Russia, 142380  
Journal: Protein Struct.  
Editor: Uversky, Vladimir N. (Ed),  
Date: 2003  
Pages: 373-403  
CODEN: 69GJSA  
Language: English  
Publisher: Research Signpost , Trivandrum, India

5/3,K/5 (Item 4 from file: 399) Links  
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137045659 CA: 137(4)45659k JOURNAL  
Structural and Functional Properties of Yersinia pestis Caf1 Capsular Antigen and  
Their Possible Role in Fulminant Development of Primary Pneumonic Plague  
Author: Abramov, Vyacheslav M.; Vasiliev, Anatoly M.; Khlebnikov, Valentin S.;  
Vasilenko, Raissa N.; Kulikova, Nataly L.; Kosarev, Igor V.; Ishchenko, Alexander T.;  
Gillespie, Joel R.; Millett, Ian S.; Fink, Anthony L.; Uversky, Vladimir N.  
Location: Institute of Immunological Engineering, Lyubuchany, Russia, 142380  
Journal: J. Proteome Res.  
Date: 2002  
Volume: 1 Number: 4 Pages: 307-315  
CODEN: JPROBS  
ISSN: 1535-3893  
Publisher Item Identifier: 1535-3893(02)05511-2  
Language: English  
Publisher: American Chemical Society

5/3,K/6 (Item 5 from file: 399) Links  
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135075533 CA: 135(6)75533r JOURNAL  
Page 2

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Structural and Functional Similarity between Yersinia pestis Capsular Protein Caf1 and Human Interleukin-1.beta.  
Author: Abramov, Vyacheslav M.; Vasiliev, Anatoly M.; Vasilenko, Raisa N.; Kulikova, Nataly L.; Kosarev, Igor V.; Khlebnikov, Valentin S.; Ishchenko, Alexander T.; MacIntyre, Sheila; Gillespie, Joel R.; Khurana, Ritu; Korpela, Timo; Fink, Anthony L.; Uversky, Vladimir N.  
Location: Institute of Immunological Engineering, Lyubuchany Moscow Region, Russia, 142380  
Journal: Biochemistry  
Date: 2001  
Volume: 40 Number: 20 Pages: 6076-6084  
CODEN: BICHAW  
ISSN: 0006-2960  
Publisher Item Identifier: 0006-2960(00)02678-7  
Language: English  
Publisher: American Chemical Society

5/3,K/7 (Item 6 from file: 399) Links  
Fulltext available through: STIC Full Text Retrieval Options  
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131099656 CA: 131(8)99656b JOURNAL  
Structural and functional significance of the FGL sequence of the periplasmic chaperone Caf1M of Yersinia pestis  
Author: Chapman, David A. G.; Zavialov, Anton V.; Chernovskaya, Tatiana V.; Karlyshev, Andrey V.; Zav'yalova, Galina A.; Vasiliev, Anatoly M.; Dudich, Igor V.; Abramov, Vyacheslav M.; Zav'yalov, Vladimir P.; MacIntyre, Sheila  
Location: Microbiology Division, School of Animal and Microbial Sciences, University of Reading, Reading, UK, RG6 6AJ  
Journal: J. Bacteriol.  
Date: 1999  
Volume: 181 Number: 8 Pages: 2422-2429  
CODEN: JOBAAY  
ISSN: 0021-9193  
Language: English  
Publisher: American Society for Microbiology

5/3,K/8 (Item 7 from file: 399) Links  
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127118735 CA: 127(9)118735n JOURNAL  
Influence of the conserved disulfide bond, exposed to the putative binding pocket, on the structure and function of the immunoglobulin-like molecular chaperone Caf1M of Yersinia pestis  
Author: Zav'yalov, Vladimir P.; Chernovskaya, Tatiana V.; Chapman, David A. G.; Karlyshev, Andrey V.; MacIntyre, Sheila; Zavialov, Anton V.; Vasiliev, Anatoly M.; Denesyuk, Alexander I.; Zav'yalova, Galina A.; Dudich, Igor V.; Korpela, Timo; Abramov, Vyacheslav M.  
Location: Inst. of Immunological Eng., Moscow Region, Russia, 142380  
Journal: Biochem. J.  
Date: 1997  
Volume: 324 Number: 2 Pages: 571-578  
CODEN: BIJOAK  
ISSN: 0264-6021  
Language: English  
Publisher: Portland Press

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5/3,K/9 (Item 8 from file: 399) Links

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125055685 CA: 125(5)55685g JOURNAL

pH6 antigen (PsaA protein) of Yersinia pestis, a novel bacterial Fc-receptor

Author: Zav'yalov, Vladimir P.; Abramov, Vyacheslav M.; Cherepanov, Peter G.; Spirina, Galina V.; Chernovskaya, Tatiana V.; Vasiliev, Anatolii M.; Zav'yalova, Galina A.

Location: Institute of Engineering Immunology, 142380 Lyubuchany, Chekhov District, Moscow Region, Russia,

Journal: FEMS Immunol. Med. Microbiol.

Date: 1996

Volume: 14 Number: 1 Pages: 53-57

CODEN: FIMIEV

ISSN: 0928-8244

Language: English

5/3,K/10 (Item 9 from file: 399) Links

Fulltext available through: STIC Full Text Retrieval Options

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123225588 CA: 123(17)225588f JOURNAL

Specific high affinity binding of human interleukin 1.beta. by Caf1A usher protein of Yersinia pestis

Author: Zav'yalov, Vladimir P.; Chernovskaya, Tatiana V.; Navolotskaya, Elena V.; Karlyshev, Andrey V.; MacIntyre, Sheila; Vasiliev, Anatoly M.; Abramov, Vyacheslav M.

Location: Institute of Immunology, 142380 Lyubuchany, Moscow Region, Russia,

Journal: FEBS Lett.

Date: 1995

Volume: 371 Number: 1 Pages: 65-8

CODEN: FEBLAL

ISSN: 0014-5793

Language: English

5/3,K/11 (Item 1 from file: 149) Links

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01999153 Supplier Number: 75760662

Structural and functional similarity between Yersinia pestis capsular protein Caf1 and human interleukin-1beta.(Statistical Data Included)

Abramov, Vyacheslav M.; Vasiliev, Antoly M.; Vasilenko, Raisa N.; Kulikova, Nataly L.; Kosarev, Igor V.; Khlebnikov, Valentin S.; Ishchenko, Alexander T.; MacIntyre, Sheila; Gillespie, Joel R.; Khurana, Ritu; Korpela, Timo; Fink, Anthony L.; Uversky, Vladimir N.

Biochemistry , 40 , 20 , 6076(9)

May 22 ,

2001

Document Type: Statistical Data Included Publication Format: Magazine/Journal; Refereed

ISSN: 0006-2960

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Structural and functional similarity between Yersinia pestis capsular protein Caf1 and human interleukin-1beta.(Statistical Data Included)

Abramov, Vyacheslav M...

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